

Record of Environmental Consideration (REC)

REC FY05-26


From: DPW, Environmental Division

Project title: Repair/Resurface Ft. Irwin Rd. for 1.9 Miles

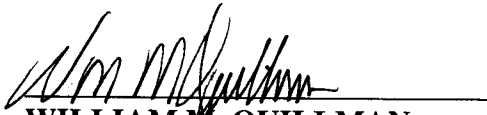
- 1. Project Description:** The project is to repair and resurface 1.9 miles of Fort Irwin Road. The removal, paving, painting, etc. will be done in accordance with all CalTrans regulations. Most of the work will also be performed at night in order to cut down on the disturbance. Traffic will be detoured using signs and traffic will use the tank trail. Water will be used to keep the dust down and an orange construction fence will be used to keep the wildlife away from traffic.
- 2. Mission Effects:** The mission of the NTC and Fort Irwin is to “Provide tough realistic combined arms and joint training focused at the battalion task force and brigade level, to assist commanders in training the soldiers, leaders, and units of America’s army for success on the modern battlefield. Provide feedback to improve the force. Take care of soldiers, civilians and family members.” This project aids the mission by allowing easier travel through the Fort Irwin main gates.
- 3. Location:** Area 1 starts at the tank crossing South of the ACP area and continuing through the ACP area, passed NASA Rd. to the South side of the next tank crossing (Approximately 1.1 miles). Area 2 starts at the repaved area South of Outer Loop Rd. and continuing North to the intersection of Ft. Irwin Rd. and Outer Loop Rd. (Approximately 0.8 miles).
- 4. Environmental Effects:** This project takes place inside the cantonment area, the project area is highly disturbed and provides very little value as sensitive wildlife habitat; the area also does not support large amounts of vegetation. Fort Irwin Road has disturbed the area and repair of the road is not likely to have any adverse environmental affects. At the locations where vehicles will need to travel along the tank trail and water will be used to keep the dust down, there is the potential that Desert Tortoise could be attracted to the area due to the water. An orange construction fence is going to be used to keep the Desert Tortoise from getting into the roadway.

Noise and traffic impacts are possible with this project due to the possible closing of road(s) for the project. Noise complaints will be managed by the public affairs office and handled according to protocol set forth in the Fort Irwin Environmental Noise Management Program (2000). Potential traffic impacts that may occur will be handled by erecting signs where necessary. Fort Irwin will be responsible for mitigating all traffic impacts.


- 5. Anticipated date and/or duration of proposed action:** June 24, 2005 through July 11, 2005.
- 6. Screening Criteria for Using a Categorical Exclusion:** This Categorical Exclusion/Record of Environmental Consideration meets the screening criteria as required in 32 CFR 651.29 (a). The action has not been segmented. No exceptional circumstances exist as defined under section (b) of 32 CFR 651.29. One (or more) CX encompasses the proposed action. There will be no cumulative effects on the environment as a result of this action. This action is not a major federal action significantly affecting the quality of the human environment. There are no threatened or endangered species (or critical habitat), significant archaeological resources, National Registered or National Register eligible historical sites, or other statutorily protected resources.
- 7. Reason for using record of environmental consideration:**
- a. Is covered in an existing __EA__EIS entitled and dated: _____
- The EA/EIS may be viewed at: _____
- b. Is categorically excluded under the provisions of CX **G-2** 32 CFR 651 (March 29,2002), Subpart D, (and no extraordinary circumstances exist as defined in paragraph 4-3), because:
- Routine repairs and maintenance of roads, trails, and firebreaks.*


RYAN P. LONG
NEPA Coordinator
Directorate of Public Works

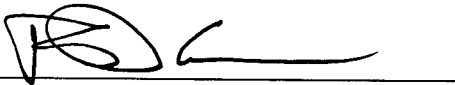
DATE: 6/21/05


WILLIAM M. QUILLMAN
Natural and Cultural Resources Team Lead
Directorate of Public Works

DATE: 6-21-2005


MUHAMMAD A. BARI
for Chief, Environmental Division
Directorate of Public Works

DATE: 6/21/05


PAUL D. CRAMER
LTC, EN
Director of Public Works

DATE: 22 June 05

SCOPE OF WORK
13 JUNE 2005

PROJECT DATA

PREPARED BY: GEORGE LAI

PROJECT NUMBER: EN-70111-5

PROJECT TITLE: REPAIR/RESURFACE FT. IRWIN ROAD 1.9 MILES

CUSTOMER: DPW

LOCATION: FT. IRWIN ROAD

1.0 GENERAL REQUIREMENTS:

1.1 The Prime contractor shall provide all necessary permits, material, labor, equipment, testing, drawings and/or technical information in accordance with this scope of work.

1.2 LAWS AND ORDINANCES: As used herein shall mean all local, state, national and federal laws, codes, ordinances, standards, rules and regulations of any nature which are pertinent to or regulatory over the work covered by the contract documents of this project. The Contractor and their subcontractors shall comply fully with all applicable laws and ordinances.

1.3 CONFLICT: In case of any conflict wherein the methods or standards of installation or the materials specified do not equal: or exceed the requirements of the laws or ordinances, the laws or ordinances shall govern.

1.4 THE DRAWINGS AND SPECIFICATIONS: The drawings and the short specifications shall be used in the construction of this project as required by this contract. It shall be the responsibility of the Contractor to check with the other subcontractor and coordinate himself/herself to construct properly in the installation of their work. Any work installed in conflict with the laws and ordinances shall be corrected by the Contractor at his own expense, and at no expense to the Government. Utility/Facility drawings are for information only. The Prime contractor/sub-contractor must verify the accuracy of the information provided and indicate their findings in the design submittals.

1.5 JOB SITE EXAMINATION: All General Contractor and the sub-contractors shall examine the job site, confirm all utilities as to sizes, loads, pressures, locations, etc. Verify all conditions and dimensions and satisfy himself as to the existing conditions under which he/she will be obliged to operate. Notify the Contractor Officer of any discrepancies prior to commencing the work.

1.6 CONDITIONS OF THE WORK: All work shall be performed in a professional and workmanship like manner. Notify the Contracting Officer if any conditions exist which will prevent such a performance, and/or any additional work to be performed before starting work.

1.7 APPLICABLE CODES:

- 1.7.1 IBC International Codes (Building Codes, Mechanical & Electrical Codes)
- 1.7.2 NFPA National Fire Protection Association (NFPA 101, Etc.)
- 1.7.3 AEI TI 800-01 Architectural and Engineering Criteria (USACE)
- 1.7.4 NEC National Electrical Code
- 1.7.5 CALTRANS standards and specifications
- 1.7.6 AR's Army Regulations

1.8 OUTAGES AND ROAD CLOSURES: The Prime contractor shall be required to submit a request, for any outages or road closures no less than 21 calendar days before the required outage or road closure is needed.

1.8.1 Outage information shall include, but is not limited to, the follow:

1.8.1.1 Example: Water Outage

1.8.1.2 Description: Water Outage to Hot Tap existing 6" main for new 2" water service

1.8.1.3 Date: 18 Feb 2003

1.8.1.4 Time: 0800 to 1200 Total 4 hours

1.8.1.5 Location: Approximately 150' of Base South of Fifth Street Along 'G' Avenue

1.8.1.6 If Possible need to supply Maps and/or photos of the location.

1.8.1.7 If available Contractor shall Included:

1.8.1.7.1 Electrical shall include pole numbers, transformer numbers, panel board numbers, etc..

1.8.1.7.2 Sewer shall include Manhole Numbers, etc..

1.8.1.7.3 Water shall include Valve Numbers, etc..

1.8.1.7.4 LP Gas shall include Valve Numbers, etc..

1.8.2 Road Closure information shall include, but is not limited to, the follow:

1.8.2.1 Example: Road Closure

1.8.2.2 Description: Langford Lake Road Starting at 'A' Avenue to Barstow Road

1.8.2.3 Start Date: 18 Feb 2003

1.8.2.4 Finish Date: 18 Feb 2003

1.8.2.5 Time: 0800 to 1200 Total 00 Days 04 Hours

1.8.2.6 Location: Approximately 150' of Base South of Fifth Street Along 'G' Avenue

1.8.2.7 Need to supply Maps and/or photos of the location.

1.9 MATERIALS: Materials shall be delivered to the site in a dry, undamaged, protected condition, and stored in the same manner.

1.10 CLEAN UP: Contractor shall provide all equipment and labor to clean up. All construction and concrete debris shall be removed and place at a local landfill off post. Construction site shall be free from all construction debris on a daily basis and free of all debris and materials at the pre-final inspection.

2.0 PURPOSE:

2.1 Repair/Resurface approximately 1.9 miles of Ft. Irwin Road.

2.1.1 Area 1 – Starting at the tank crossing south of the ACP Area and continuing through the ACP area, pass NASA Road to the south side of the next tank crossing (Approx. 1.1 Miles).

2.1.2 Area 2 – Starting at the Repaved area South of Outer Loop Road and continuing north the intersection of Ft. Irwin Road and Outer Loop Road (Approx. 0.8 of a Mile)

3.0 CONTRACTOR SHALL BE REQUIRED TO PROVIDE MATERIALS, EQUIPMENT AND LABOR:

3.1 In the removal of 4 inches of asphalt material 26' wide the 1.9 miles of the center area of the road and 2 inches of asphalt shoulder material, by Cold milling, asphalt concrete pavement, full depth up to 76-mm in accordance with Caltrans specifications, the cold millings will be stock piled as directed by DPW for later reuse.

3.2 Recycle (Cold Millings) and break up the old 26' wide by 1.9 miles of AC. Use it as part of the new top layer of base aggregate of about 3" thick. Import another 3" thick new aggregate base, making a total thickness of 6" of the new base for the road.

3.3 In the installation of paint binder (tack coat) in accordance with Caltrans standard specifications.

3.4 In the installation of pavement reinforcement fabric in accordance with Caltrans standard specifications.

3.5 In the installation of 4 inches of Concrete paving, for the center section as called out above and 2 inches of concrete paving, for the shoulder areas, 100-mm thick for the center section, 50-

mm thick for the shoulder area and 12-mm aggregate. In accordance with Caltrans standard specifications.

3.6 In the installation of rumble strips on the outside shoulder areas in accordance to Caltrans standard specifications.

3.7 Install new centerline striping, fog line striping and markers matching those of pre-construction condition of the road.

3.8 The Contractor will be performing most of the construction activities at night, in that it will benefit NTC Fort Irwin and the safety of the Public.

4.0 **SUBMITTAL REQUIREMENTS** (Five (5) hardcopy sets, in addition to what is list below – Contractor shall submit utilizing the ENG Form 4025-R for Submittals with ENG Form 4026 Routing of Submittals)

4.1 Under general requirements – per section 1.1 (The contractor shall provide all necessary permits, material, labor, equipment, testing, drawings and/or technical information in accordance with this scope of work.)(Electronic submittal shall be Microsoft word compatible version 2000).

4.2 Under general requirements – per section 1.2 (The contractor that will be performing the Mold Remediation is required to be Licensed and Certified in the State of California (Submittal of License and Certification is required)).

4.3 Under general requirements – per section 1.4 (The contractor shall be required to submit for request, any outages no less than 21 calendar days before the outage.)(Electronic submittal shall be Microsoft word compatible version 2000).

4.4 All trip tickets of material delivered to the job site.

4.5 Weekly status reports

5.0 **AS BUILTS**

5.1 No As-Builts Are Required.

6.0 **SCHEDULED COMPLETION DATE:**

6.1 Project completion date shall be start 24 June 2005 and be Complete by 11 July 2005 major reconstruction.

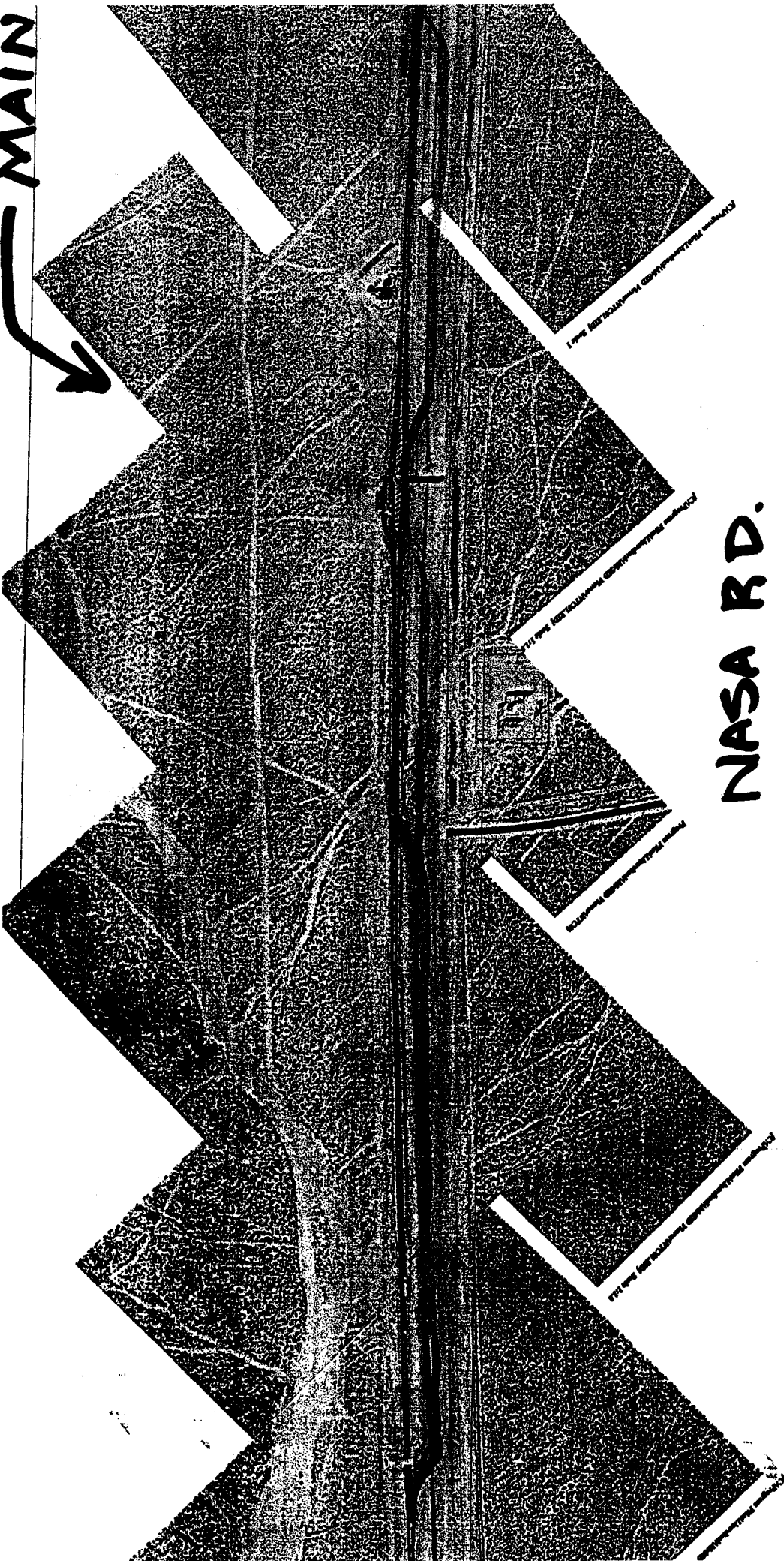


REQUIRED to put
ORANGE construction
fence along Tank Trail
East of Ft Irwin Road
along from outloop Rd
to point where the traffic
enters the pond.

OUTER LOOP RD.

→ HOUSING

MAIN



NASA RD.



1.1 MILE